

FIG. 1 Background Art

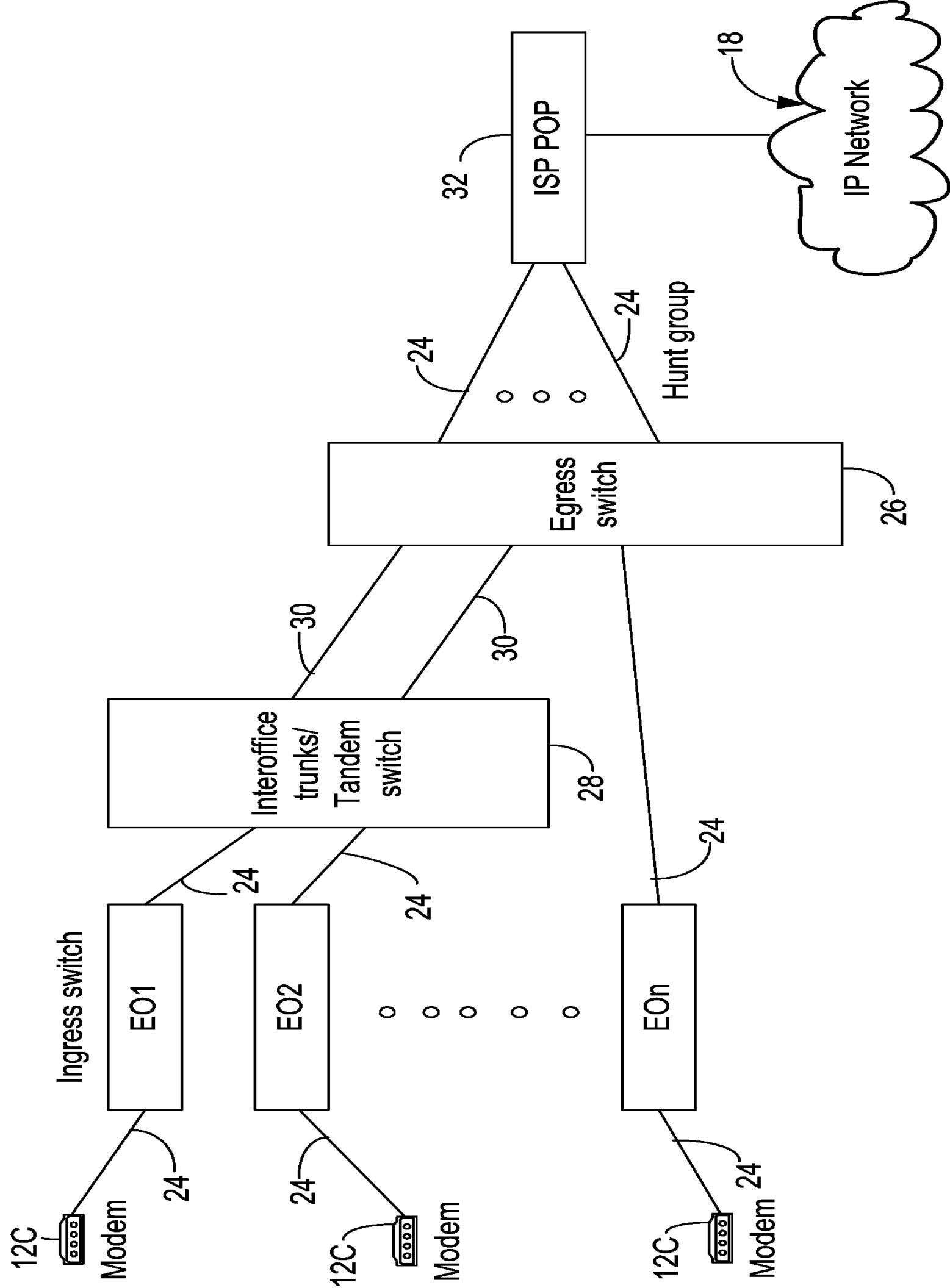


FIG. 2 Background Art

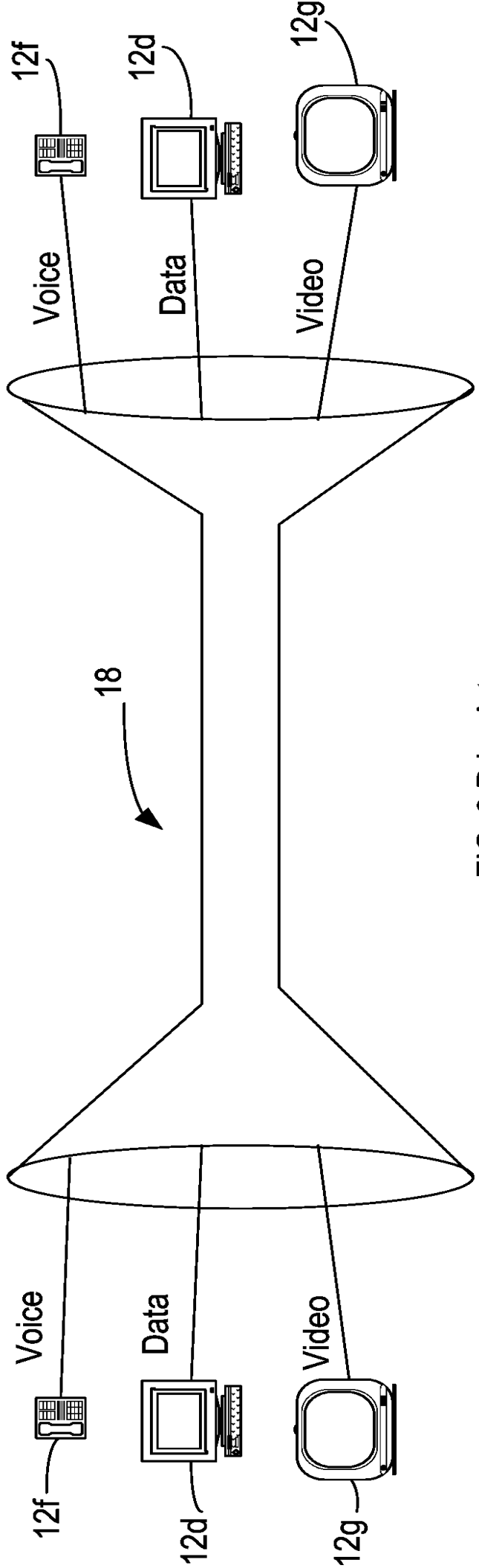
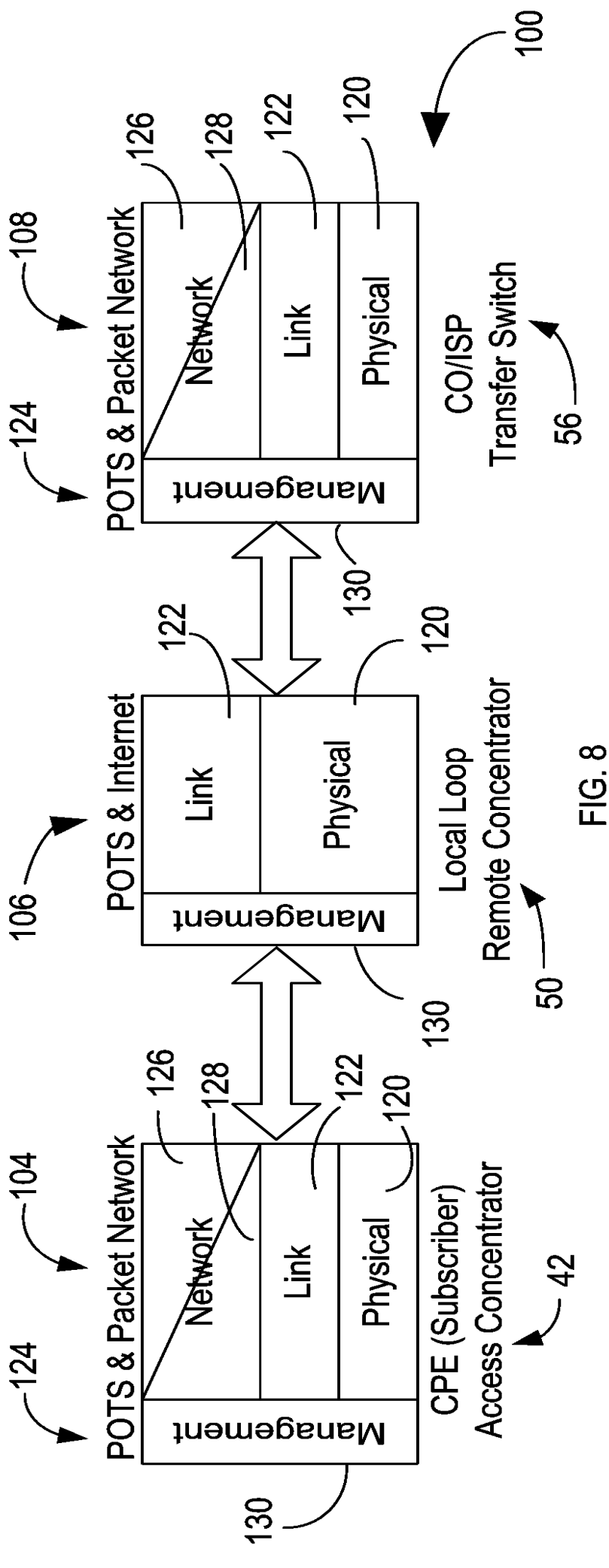


FIG. 3 Prior Art



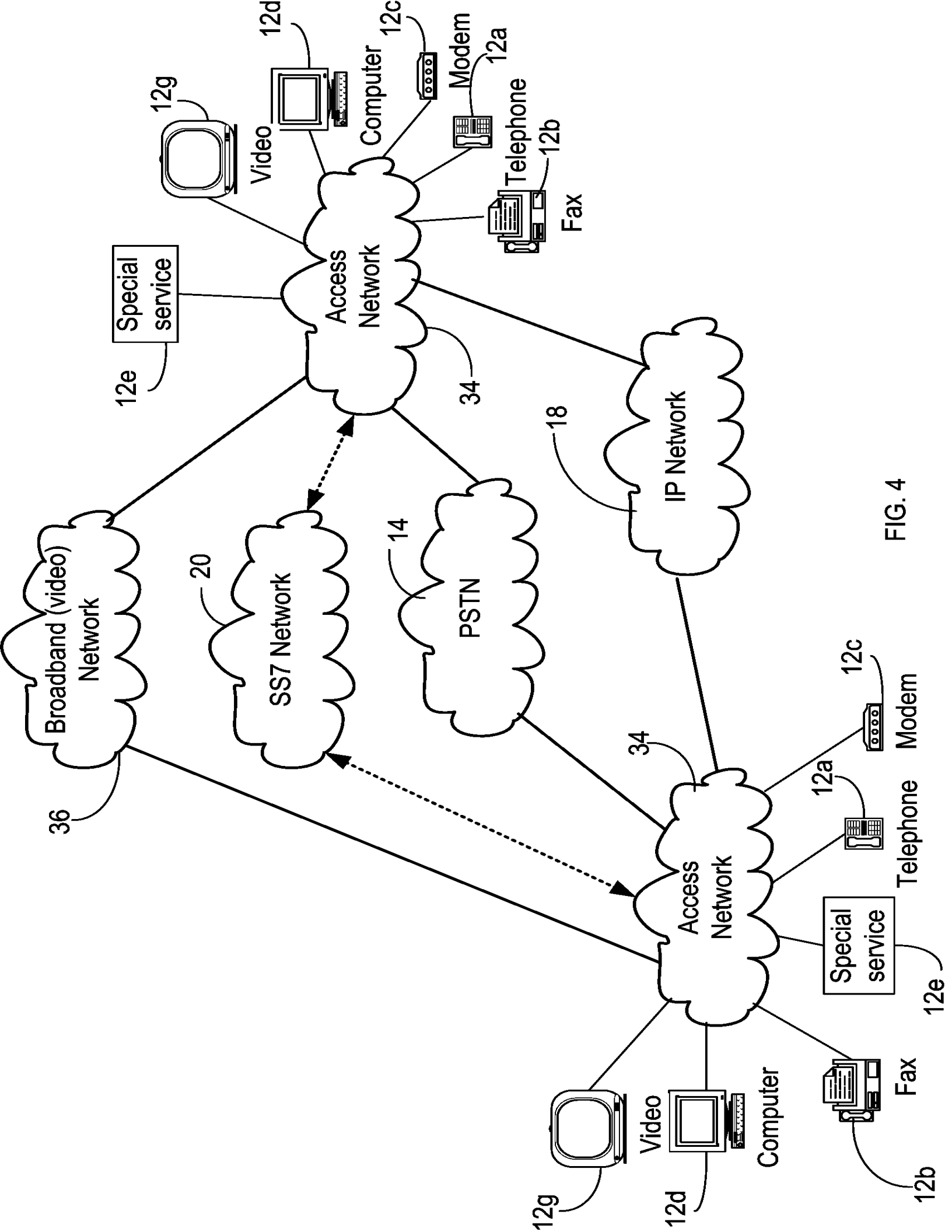


FIG. 4

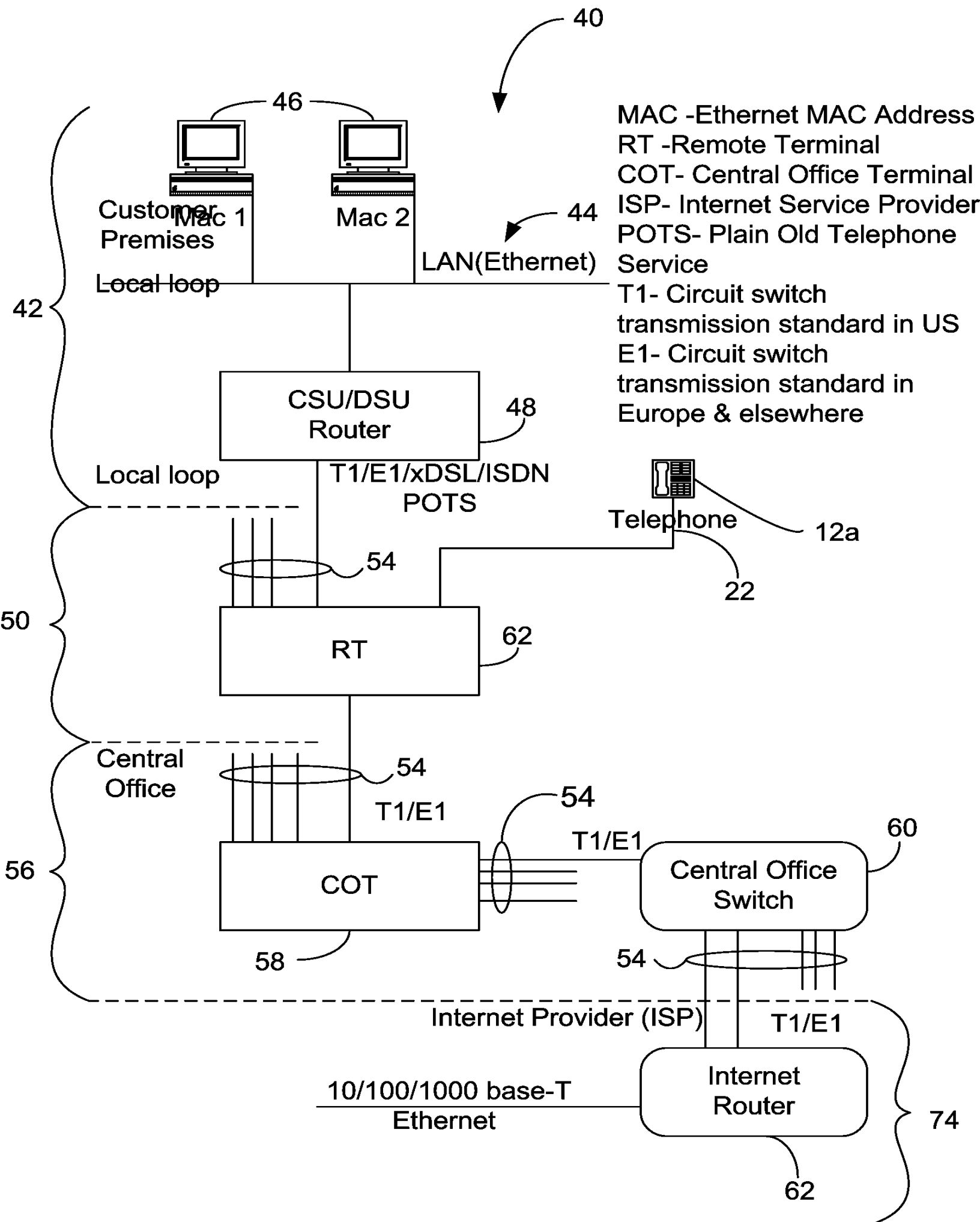


FIG. 5 Background Art

FIG. 6a Prior Art

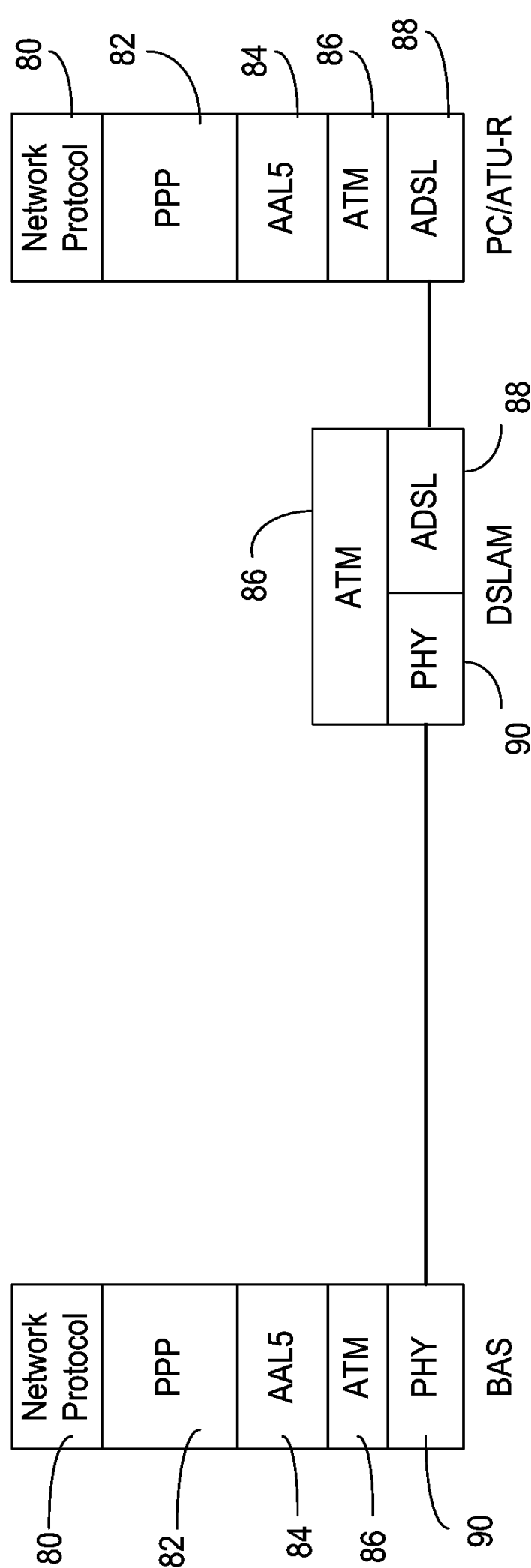
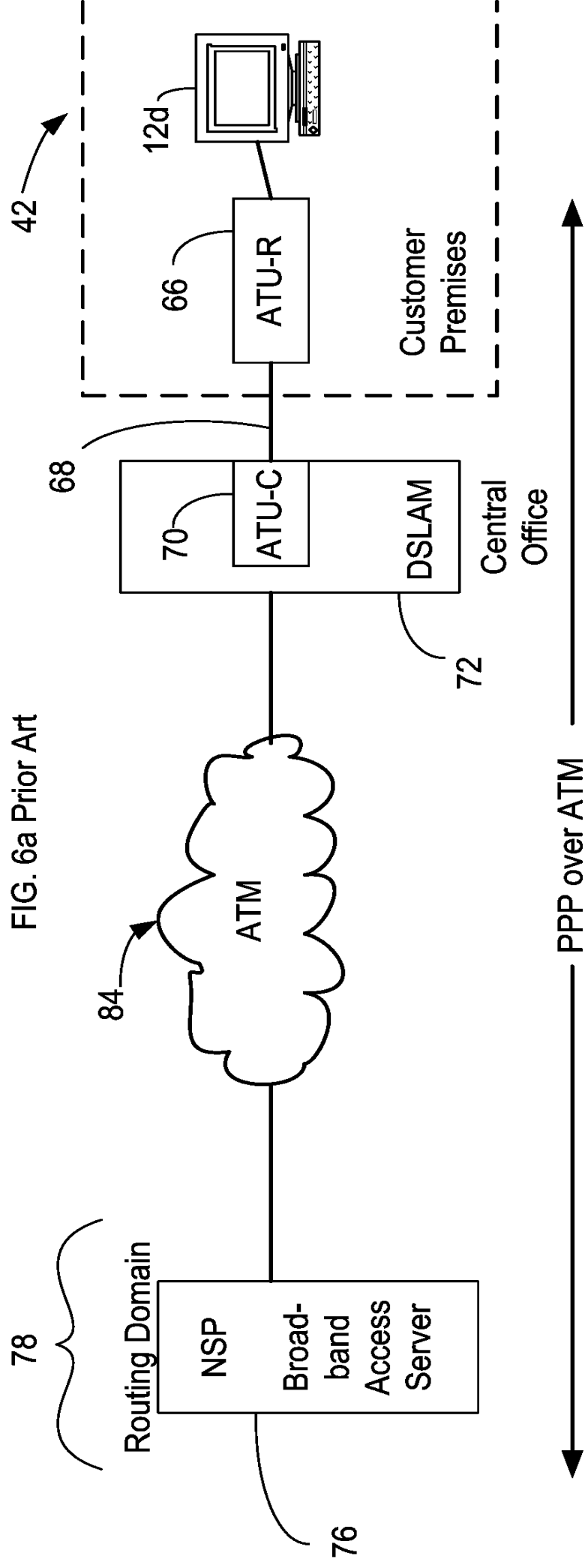
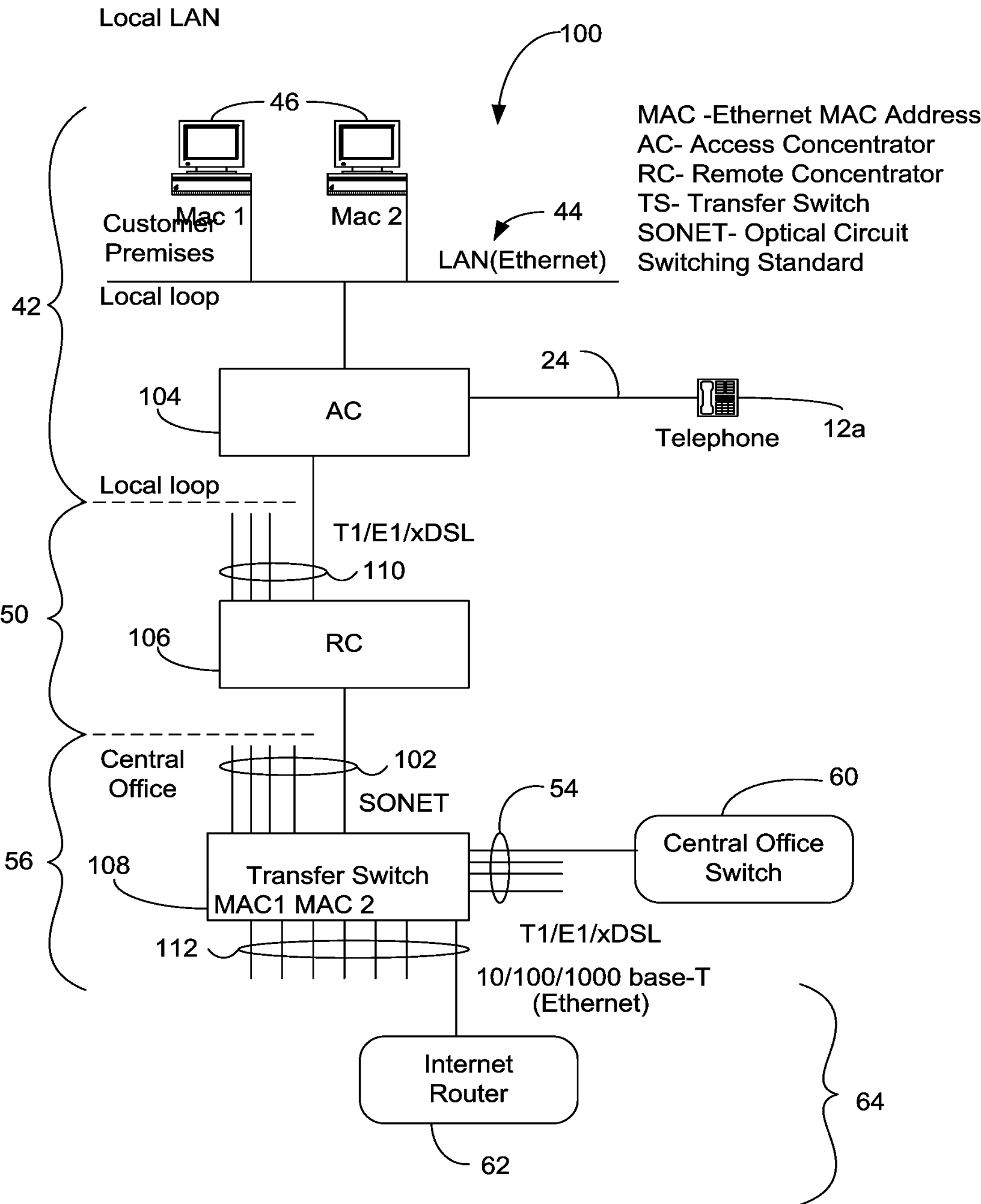


FIG. 6b Prior Art



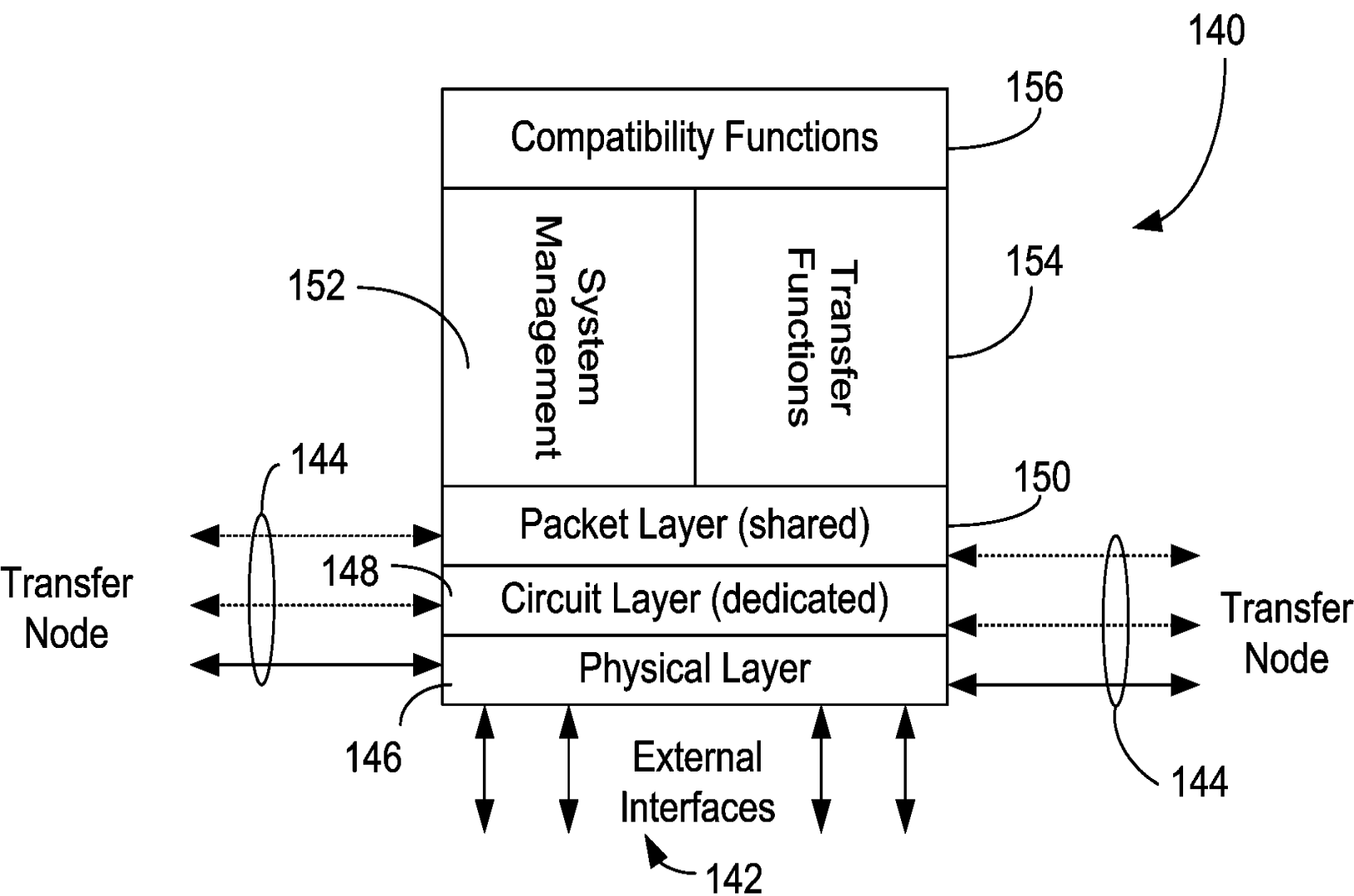


FIG. 9

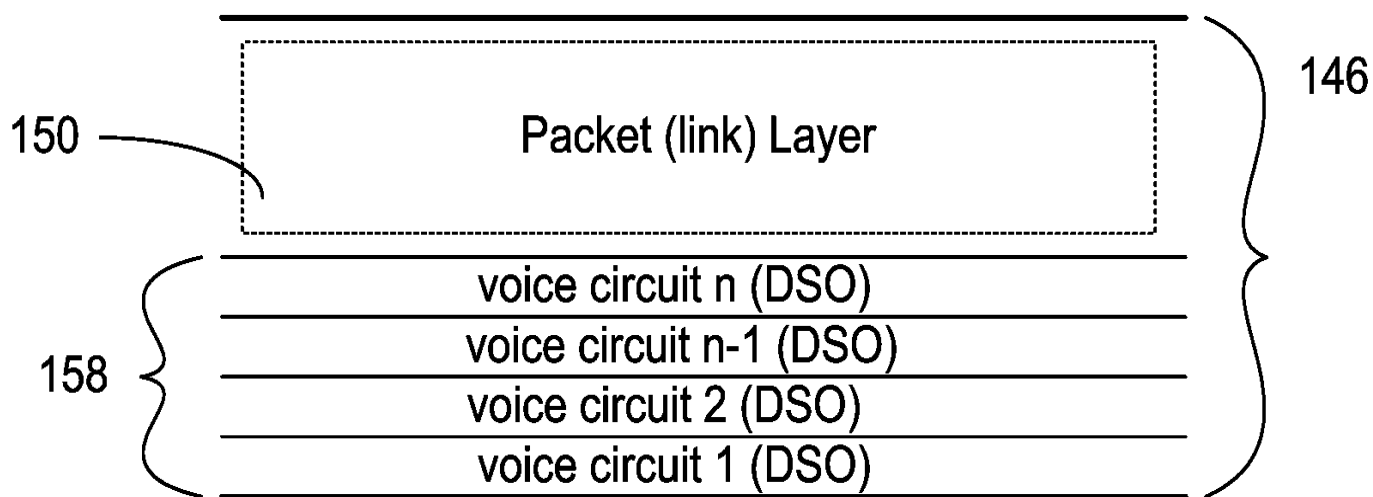


FIG. 10

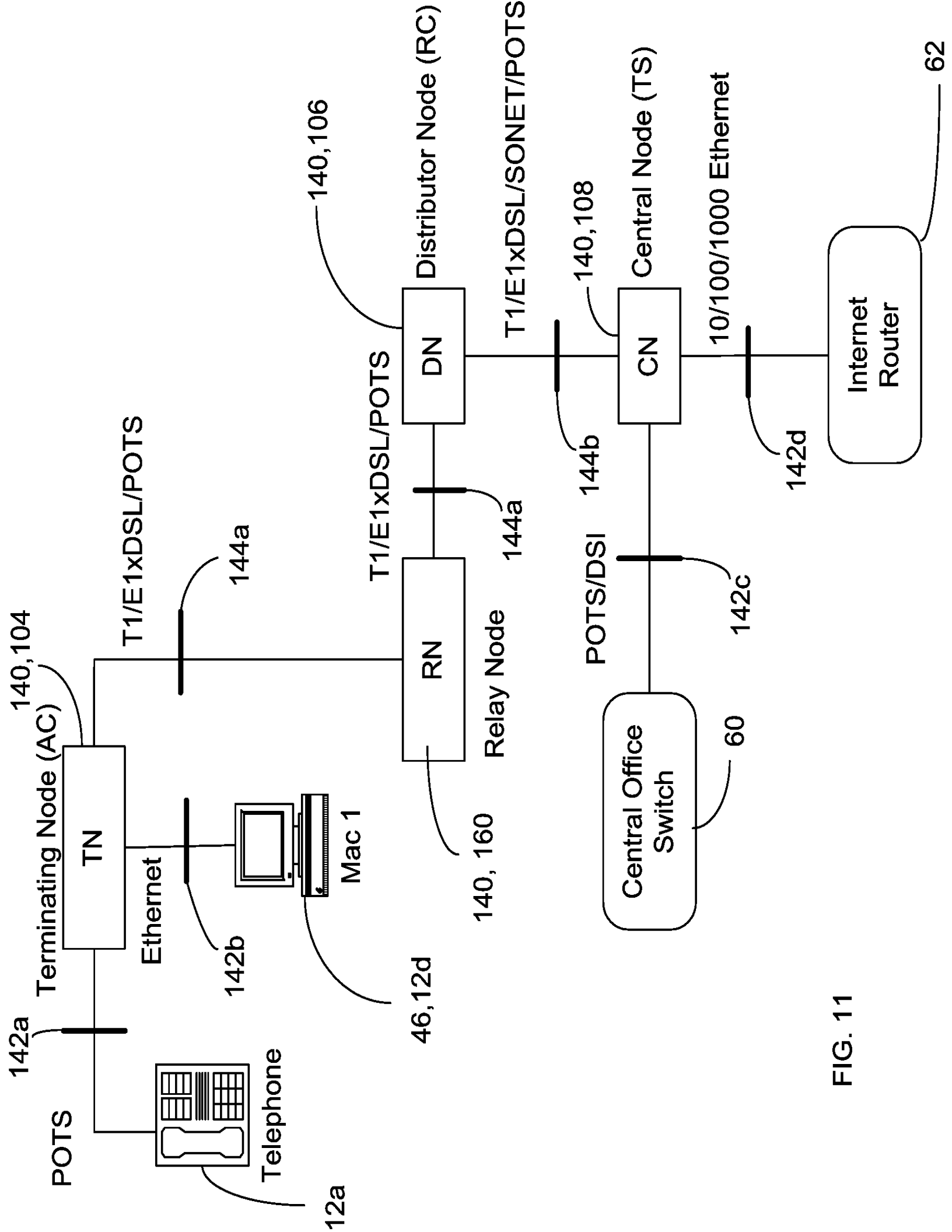


FIG. 11

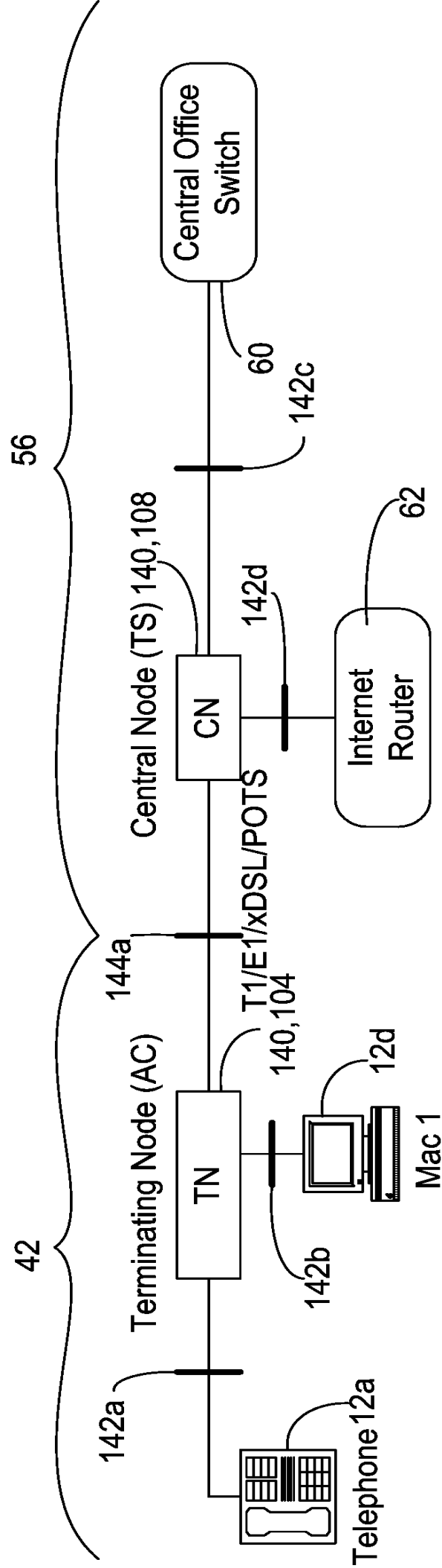


FIG 12a

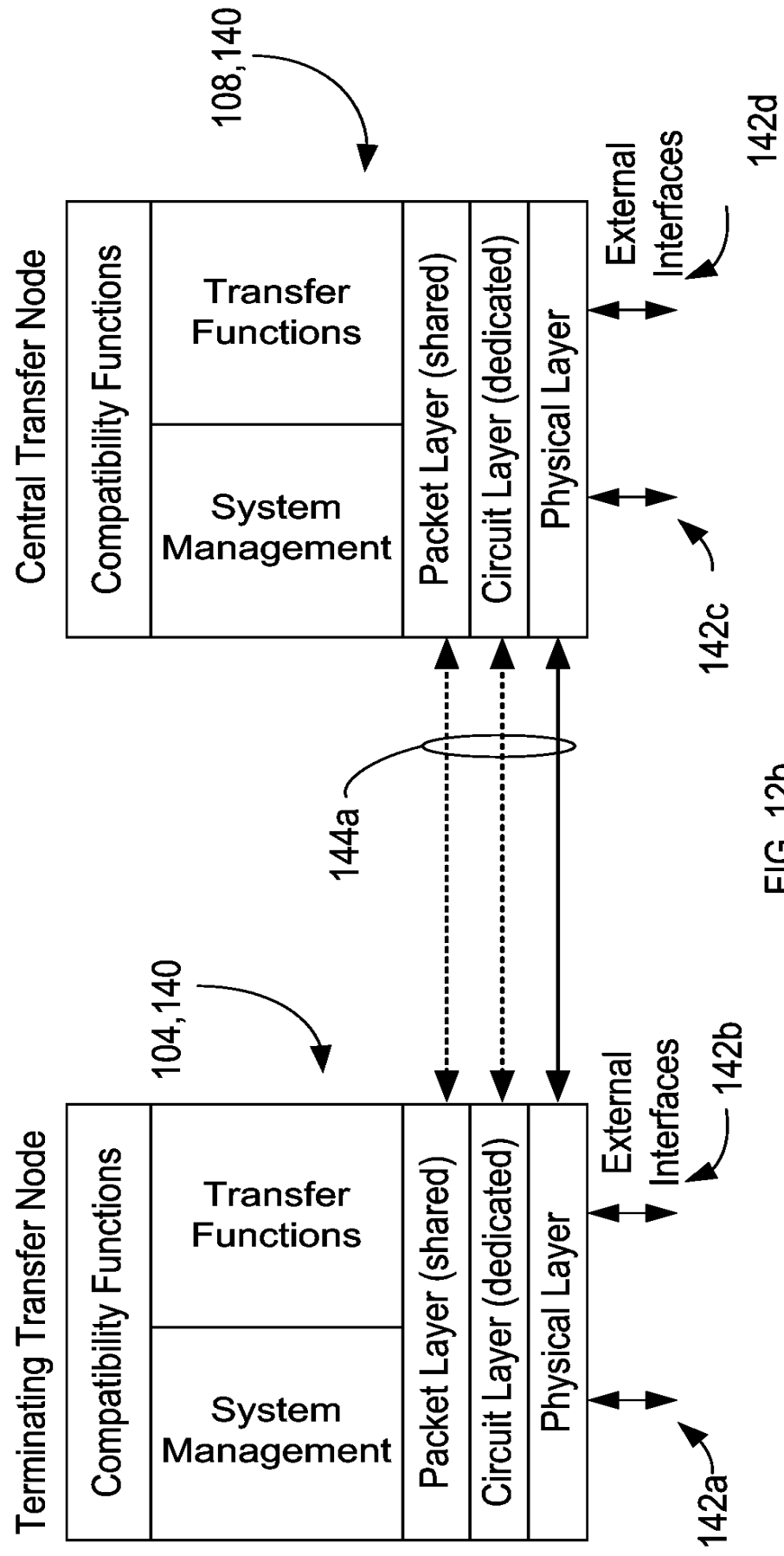


FIG. 12b

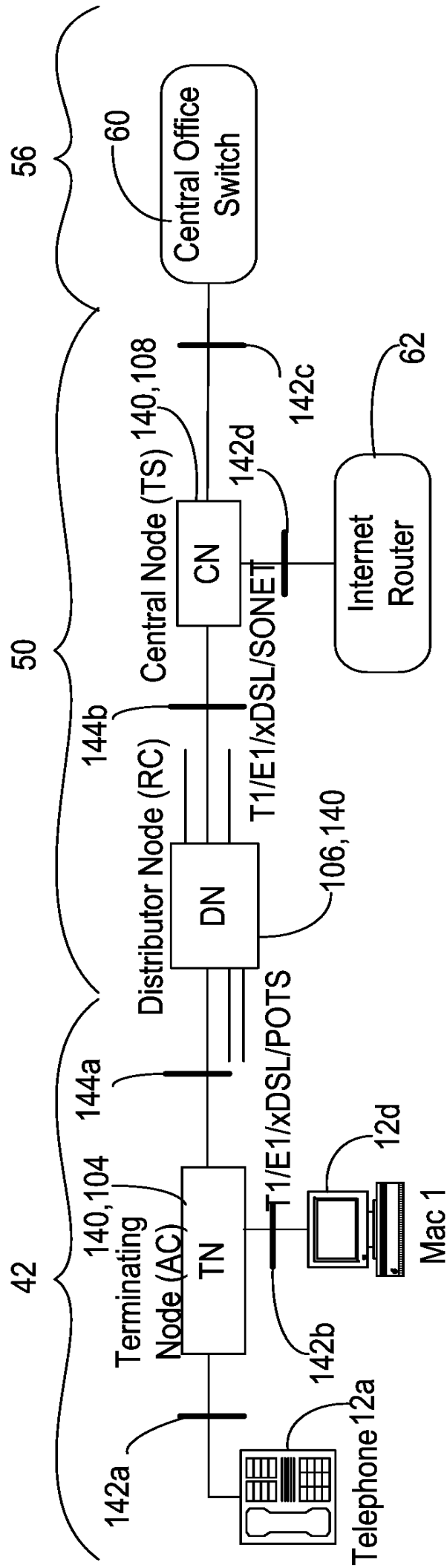


FIG. 13a

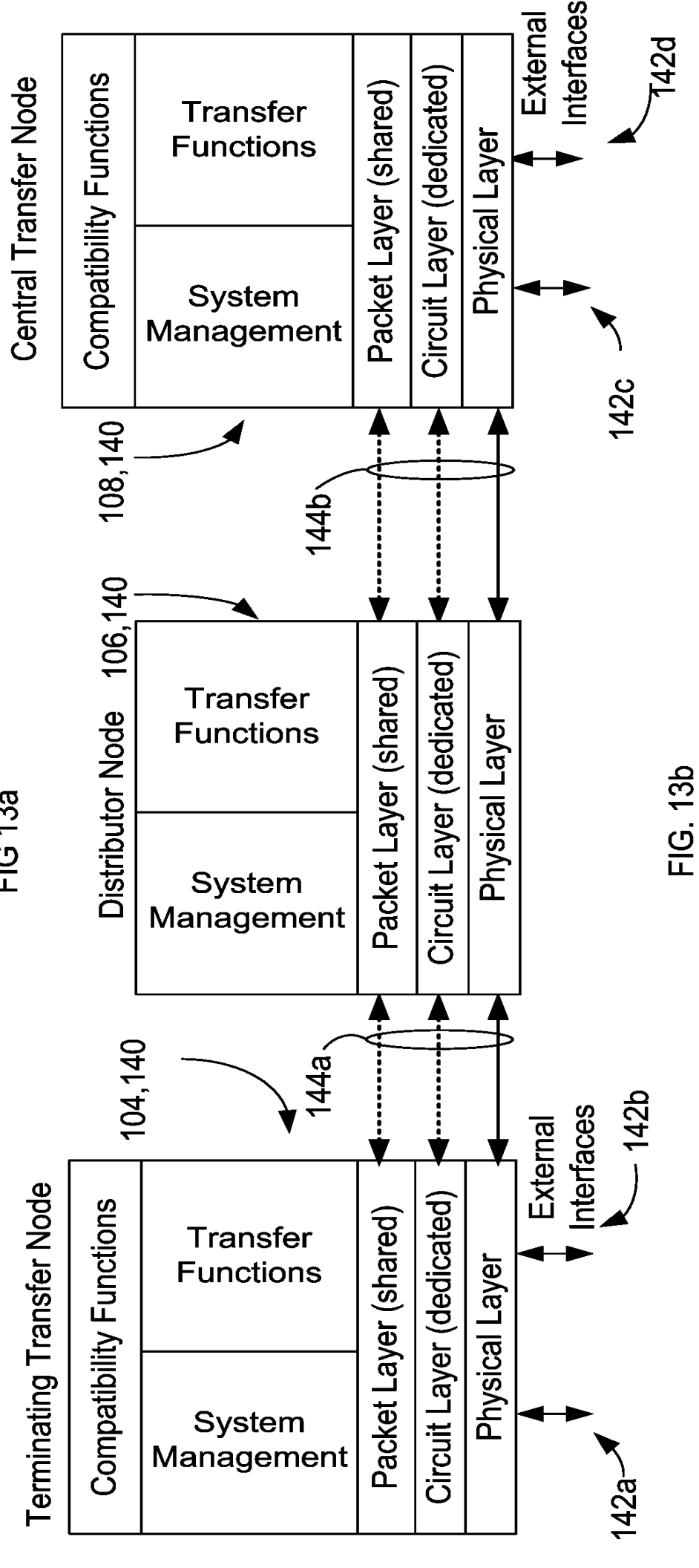


FIG. 13b

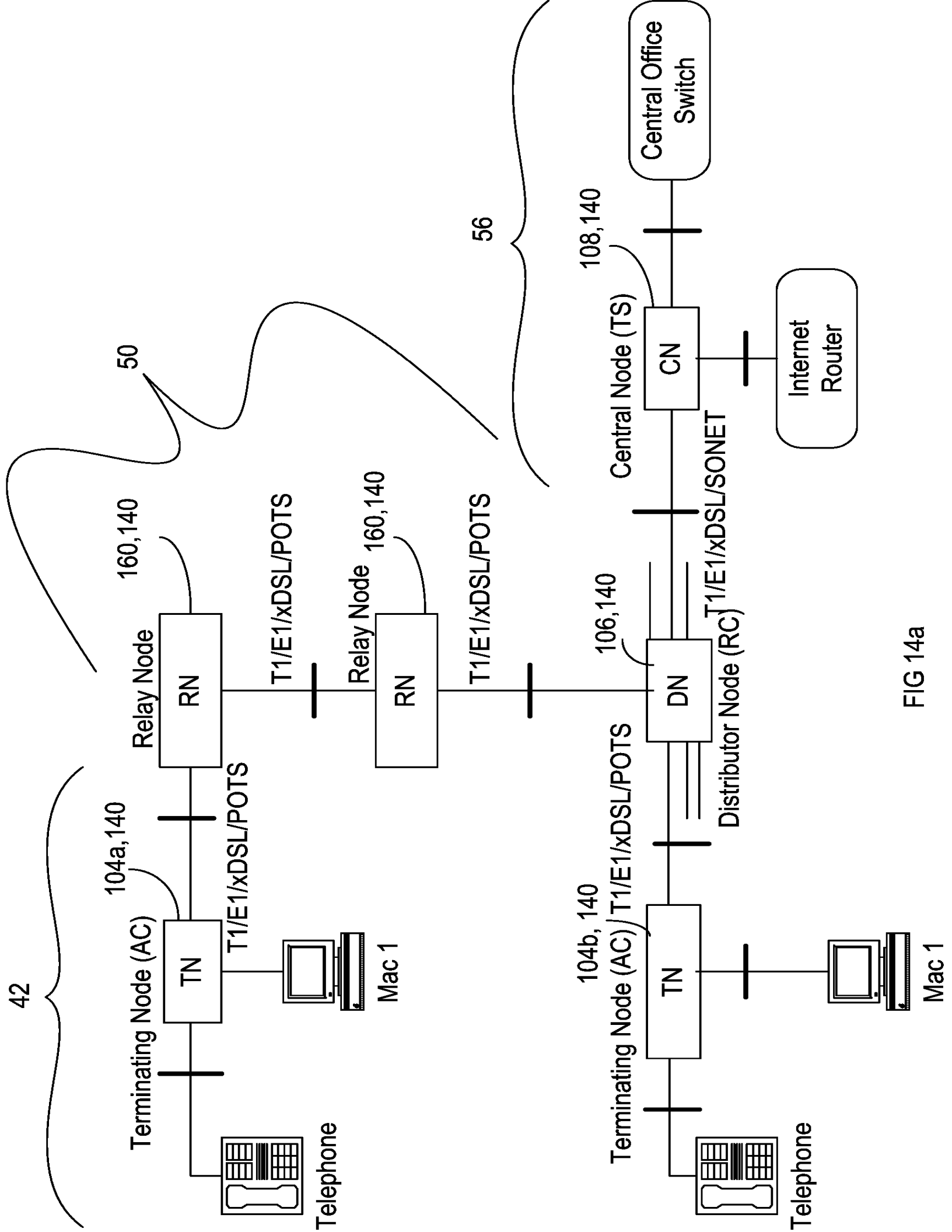
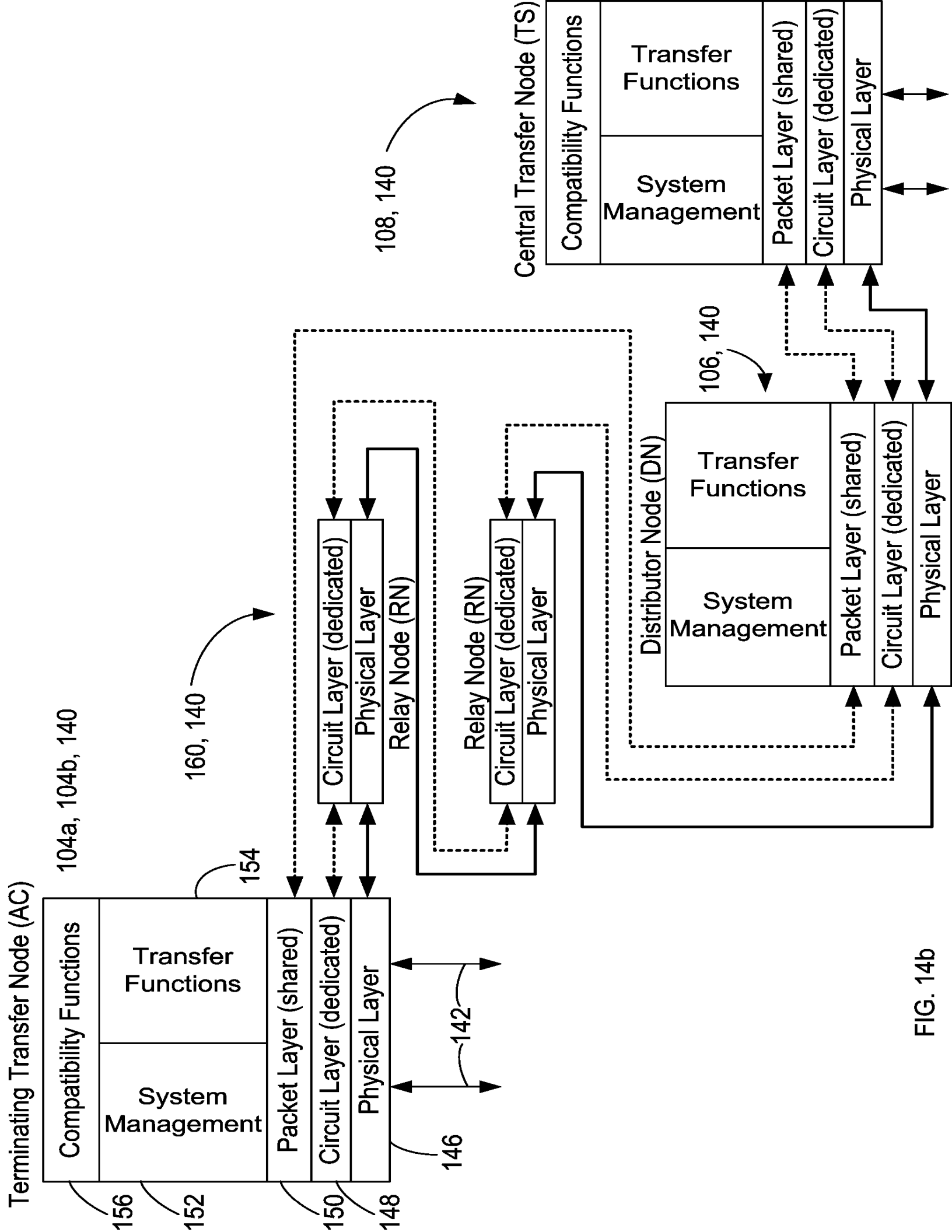


FIG 14a



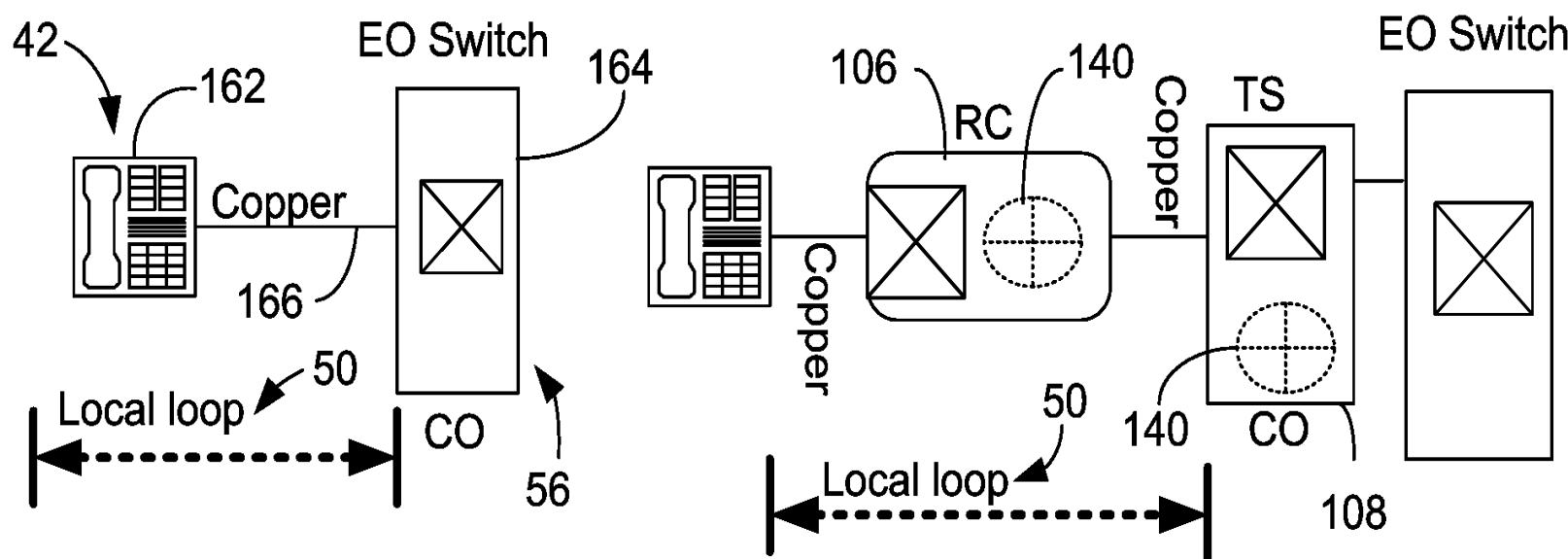


FIG. 15a

FIG. 15b

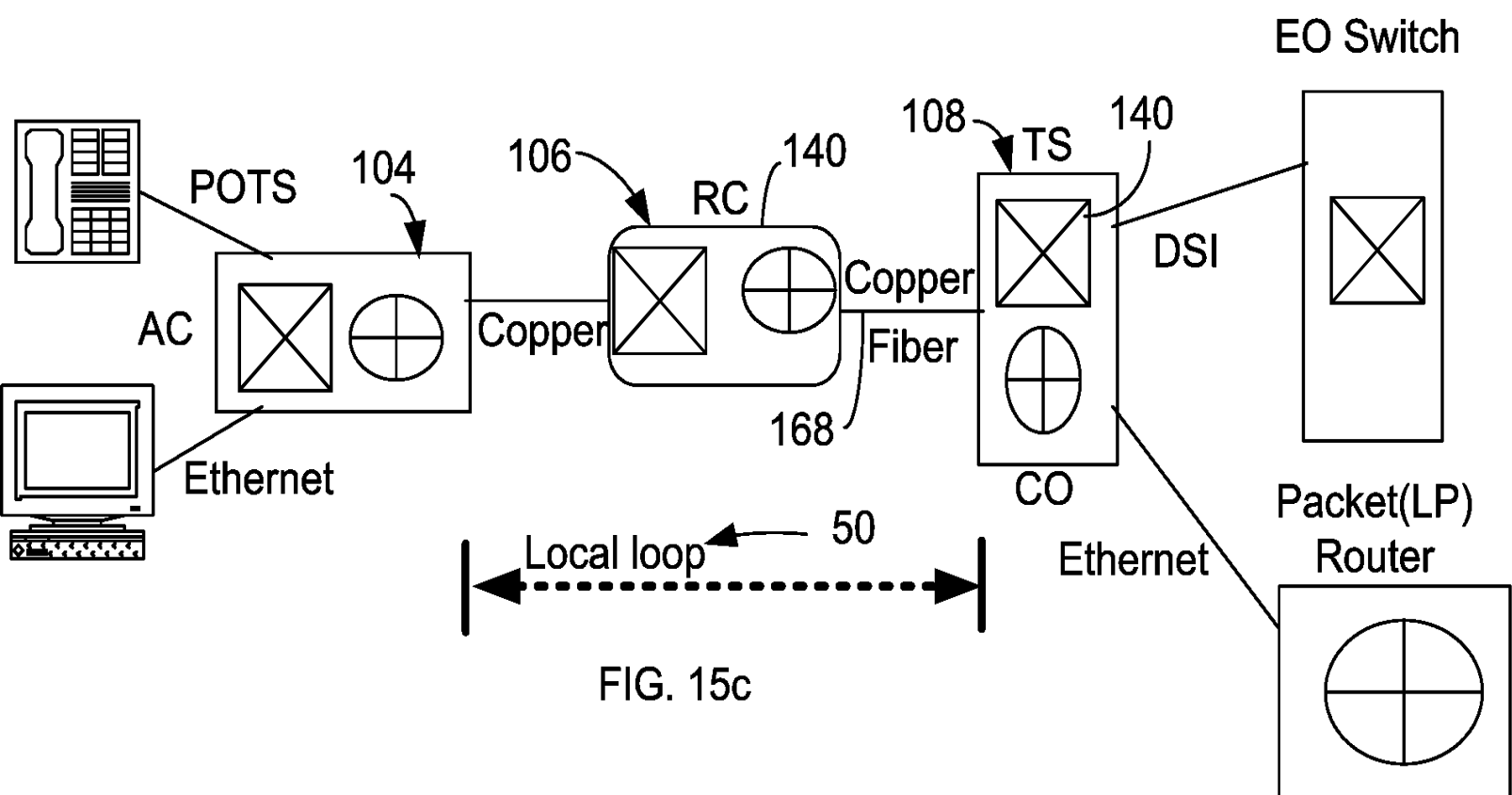
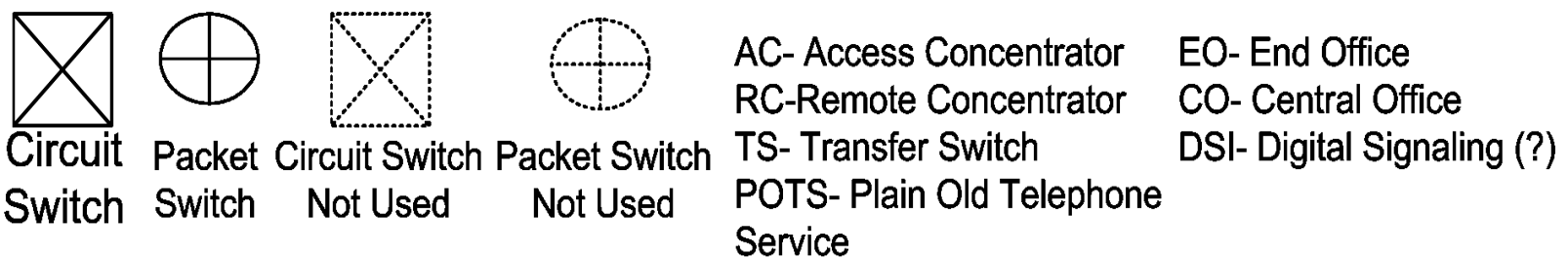


FIG. 15c



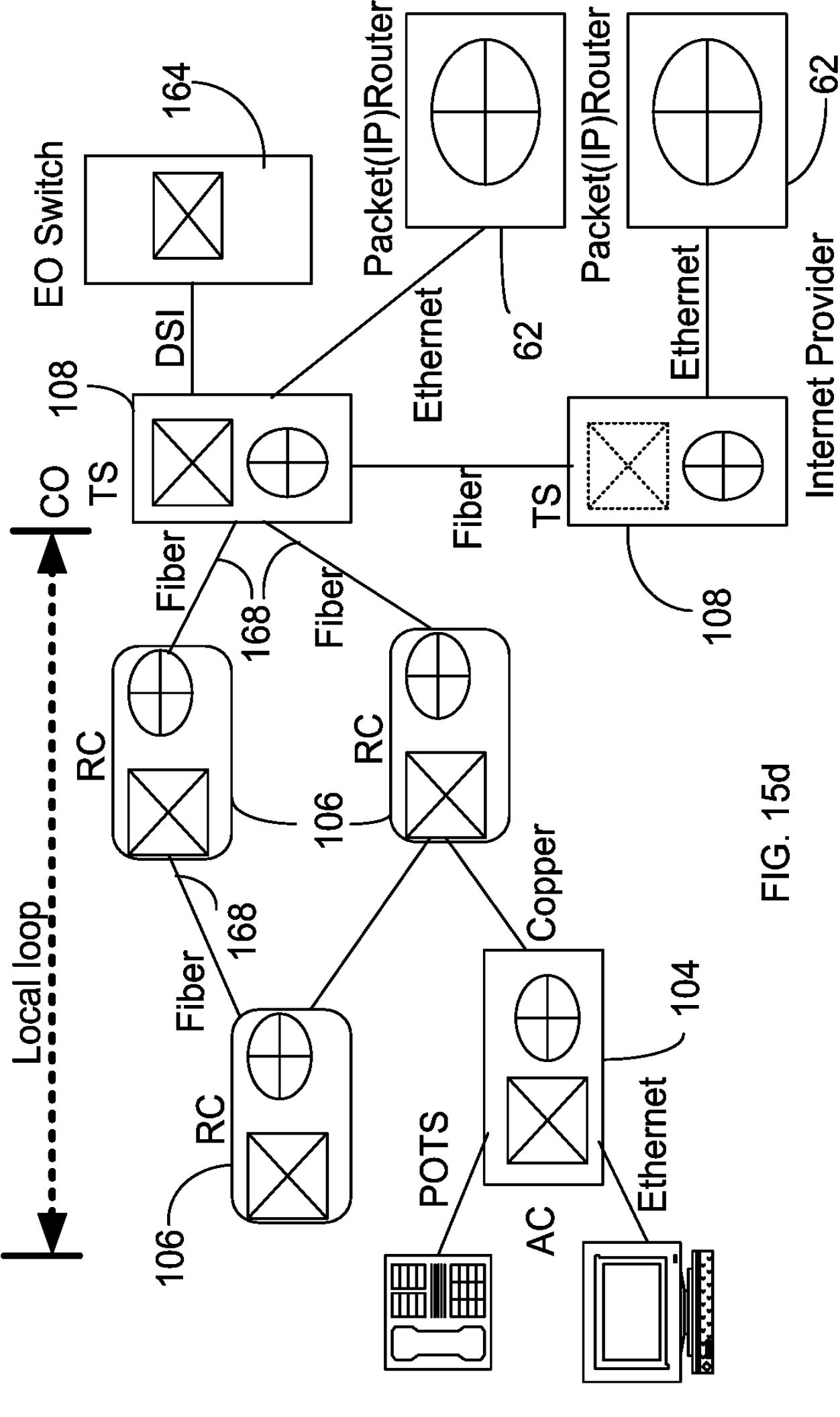
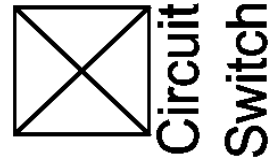


FIG. 15d



AC- Access Concentrator
 RC-Remote Concentrator
 TS- Transfer Switch
 POTS- Plain Old Telephone Service

EO- End Office
 CO- Central Office
 DSI- Digital Signaling (?)

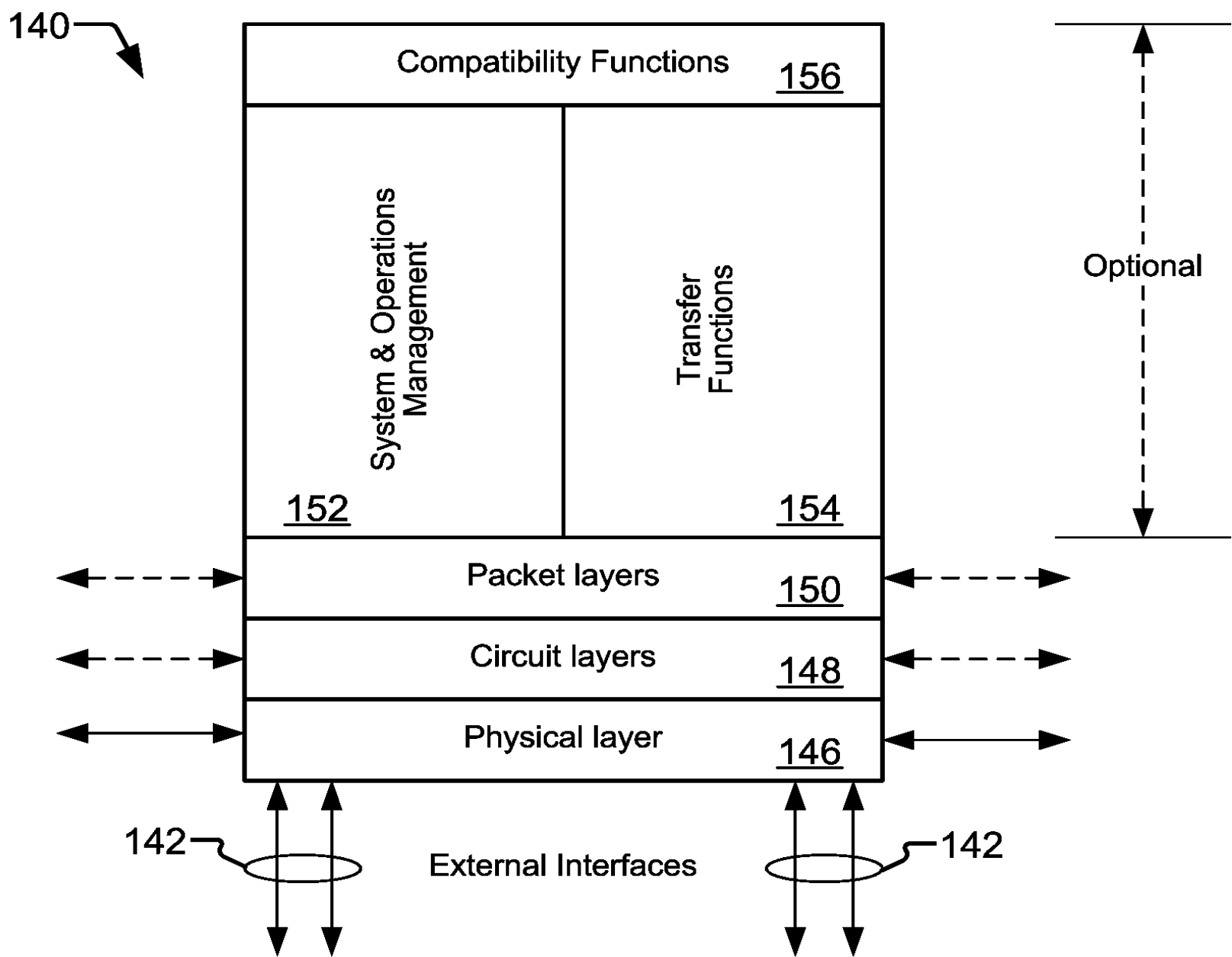


FIG. 16a

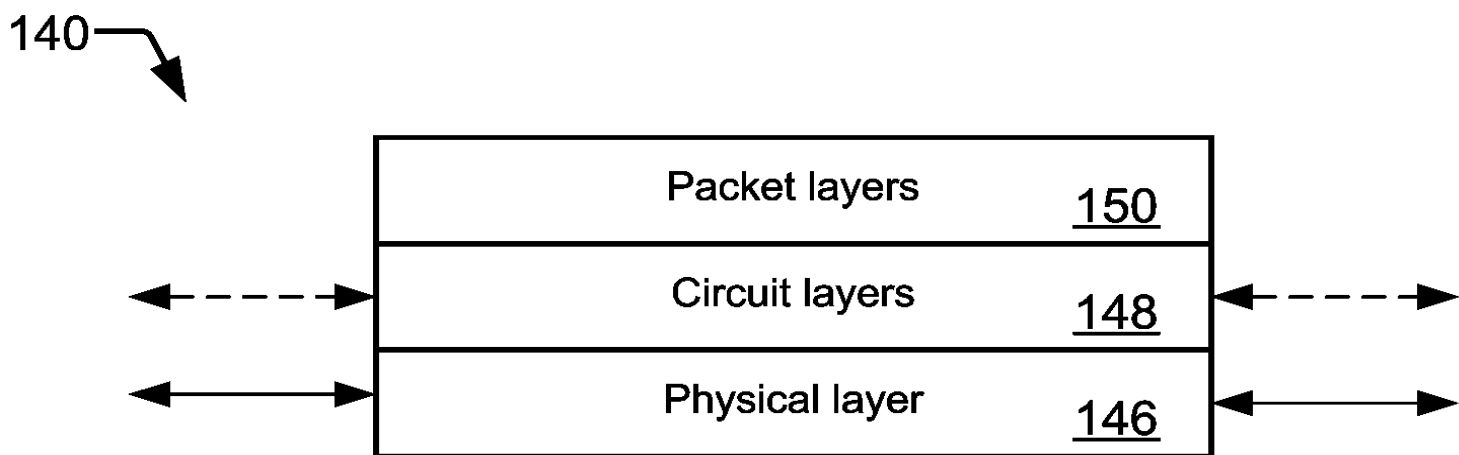


FIG. 16b

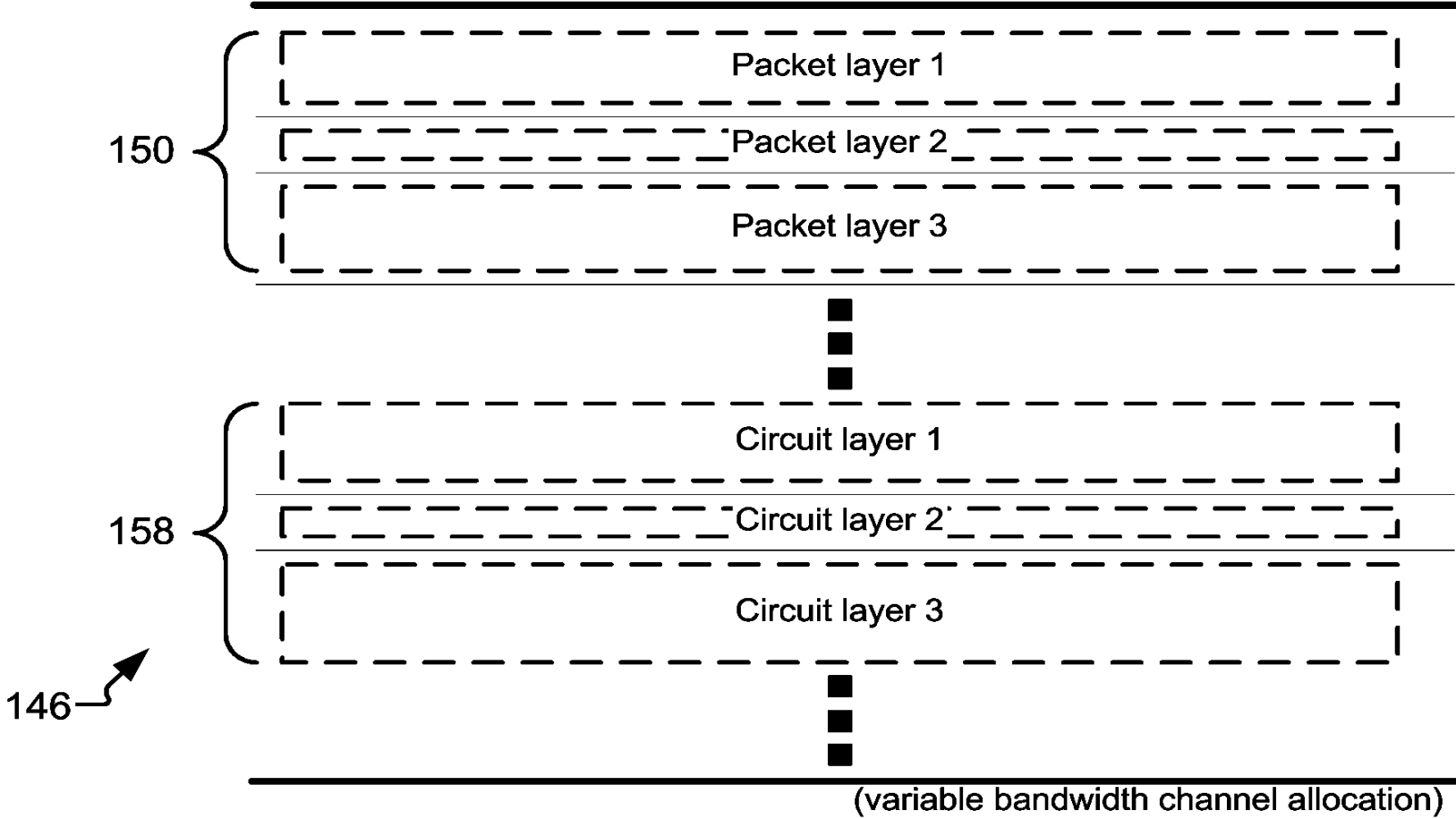


FIG. 17

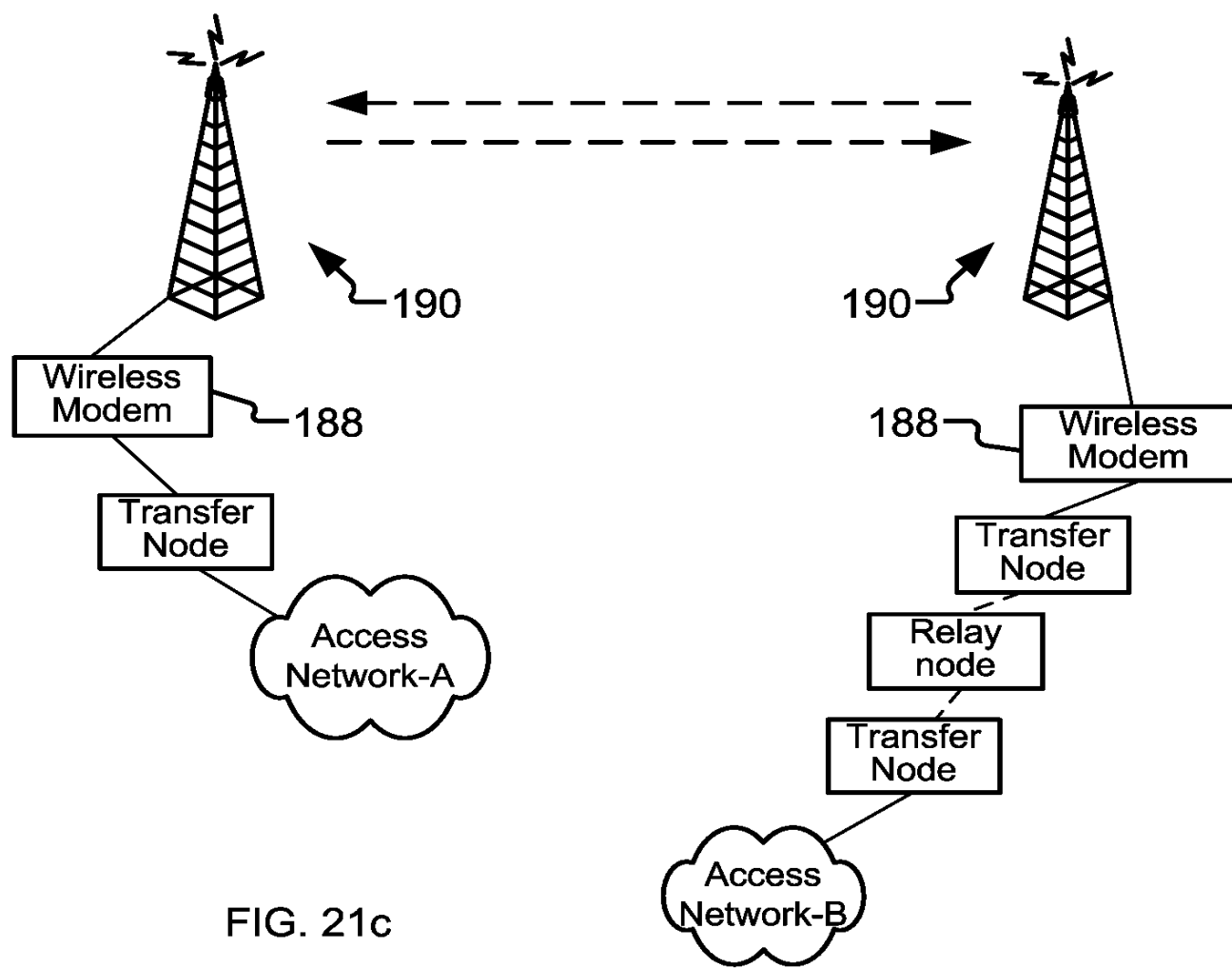
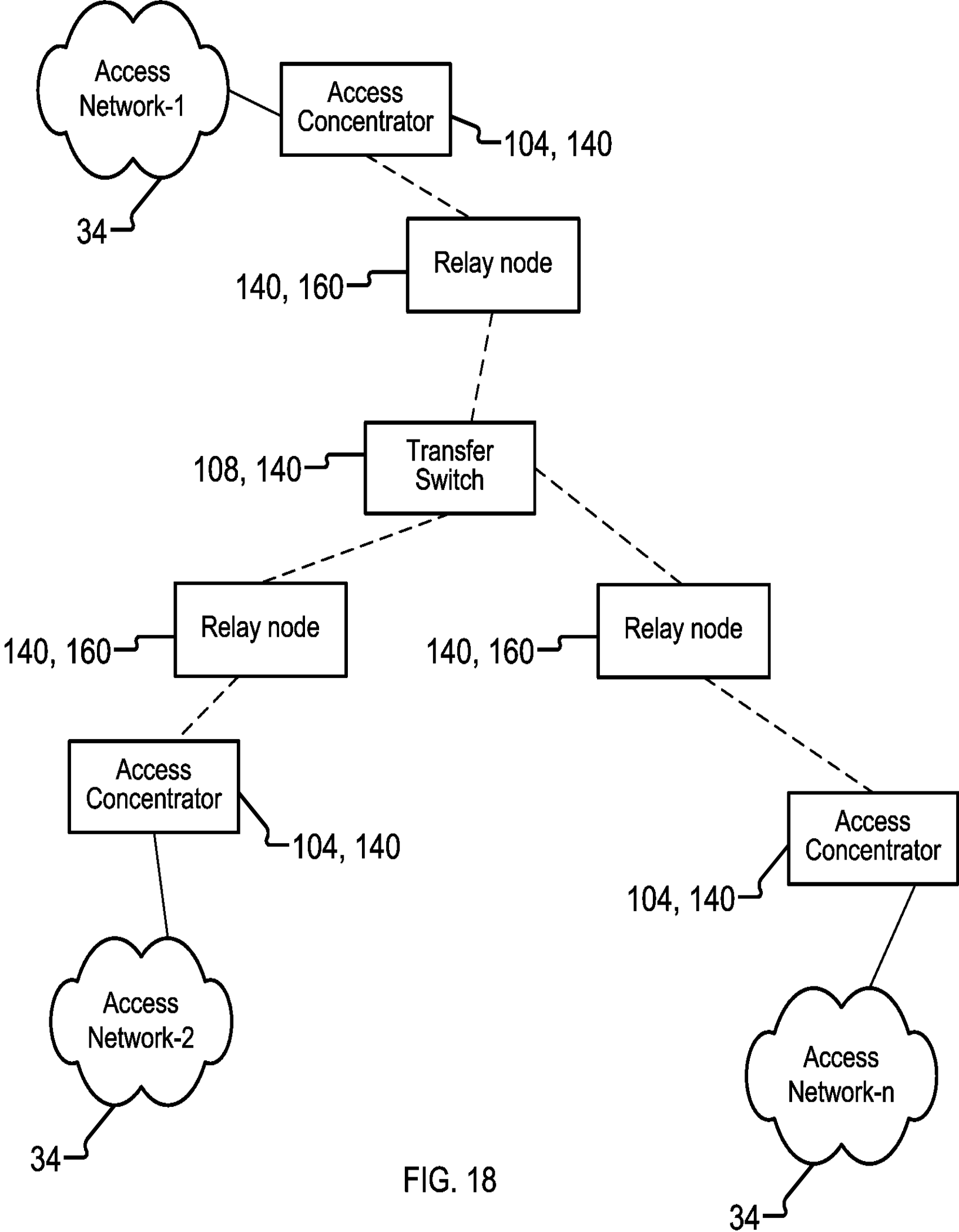
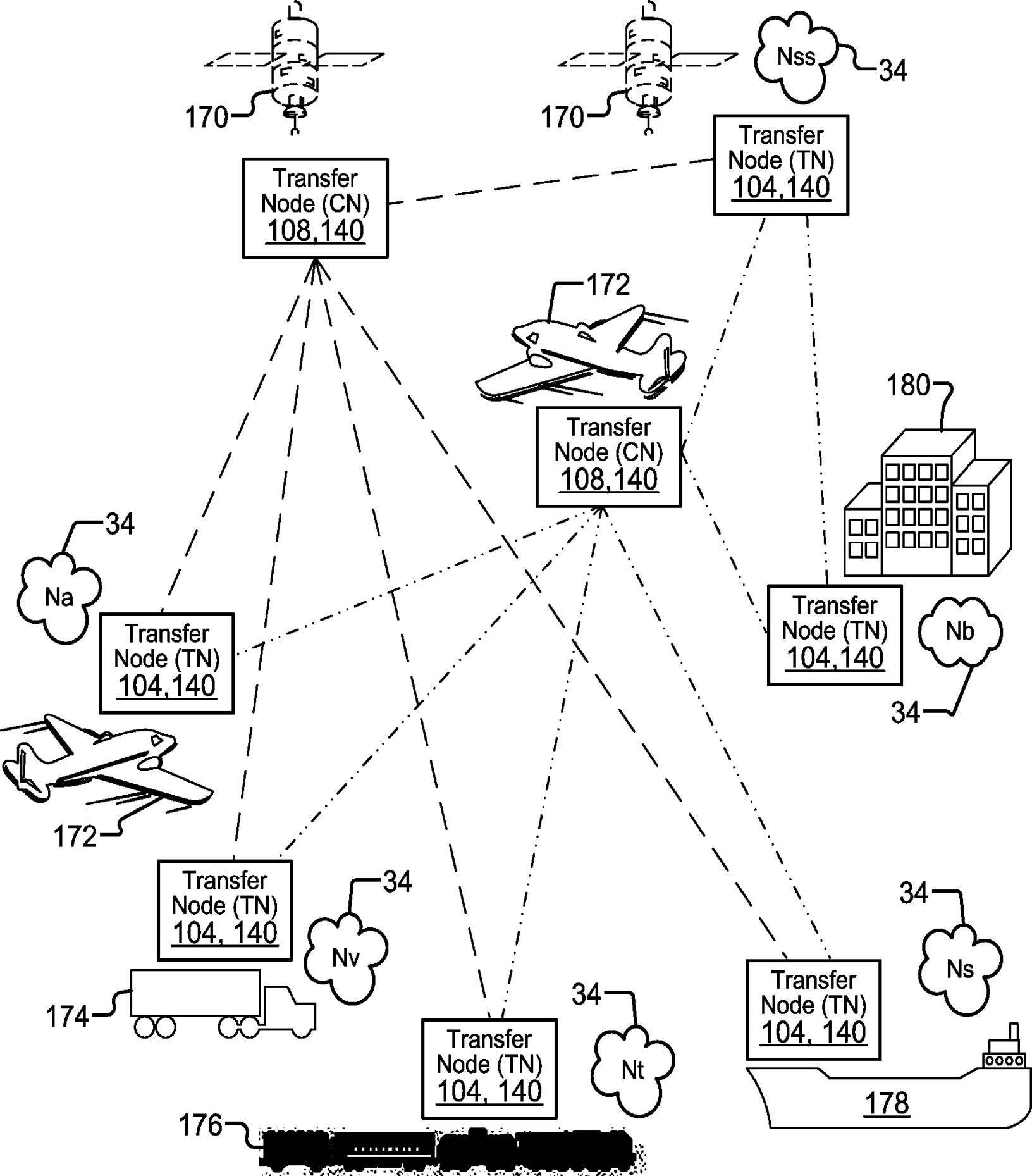


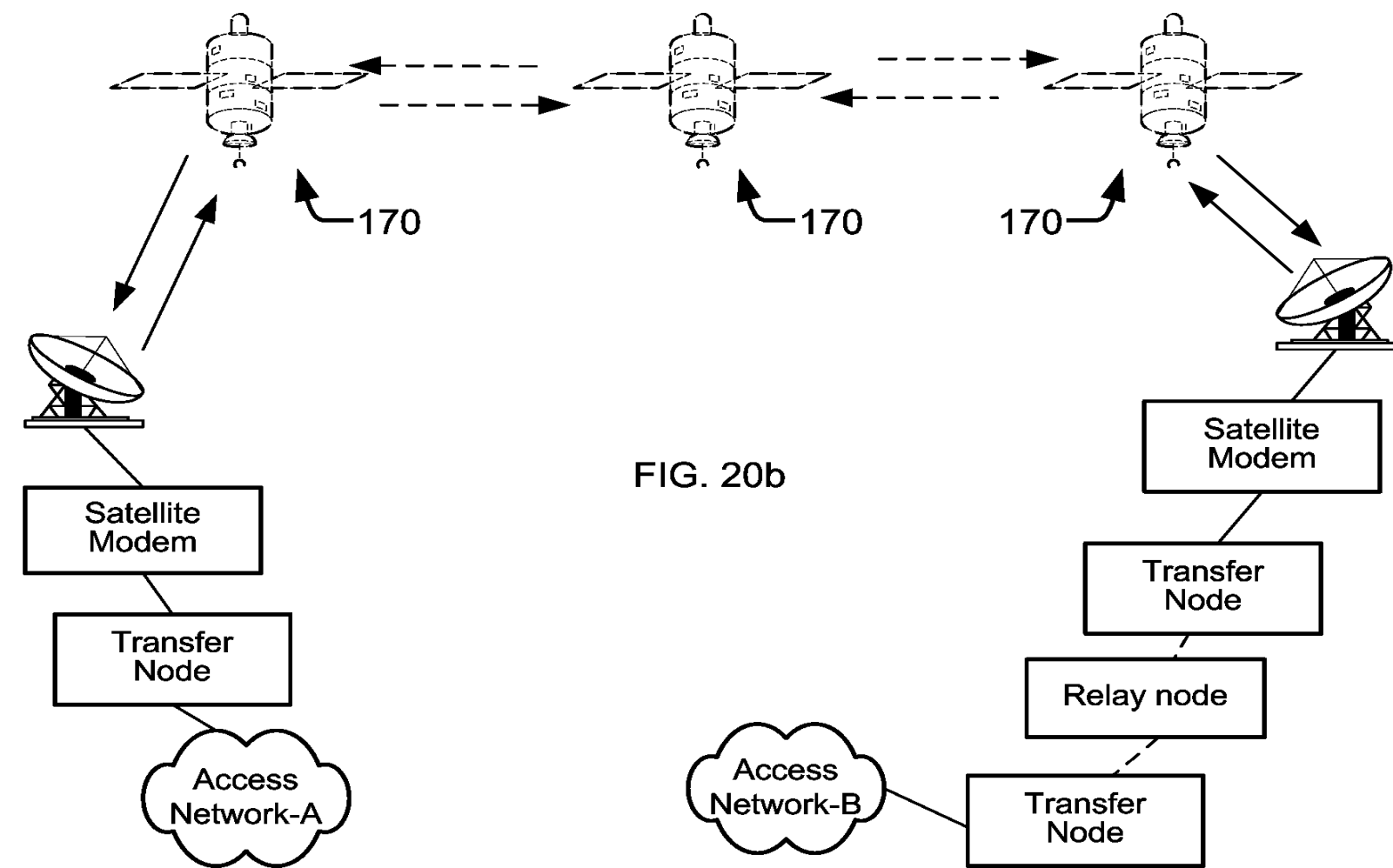
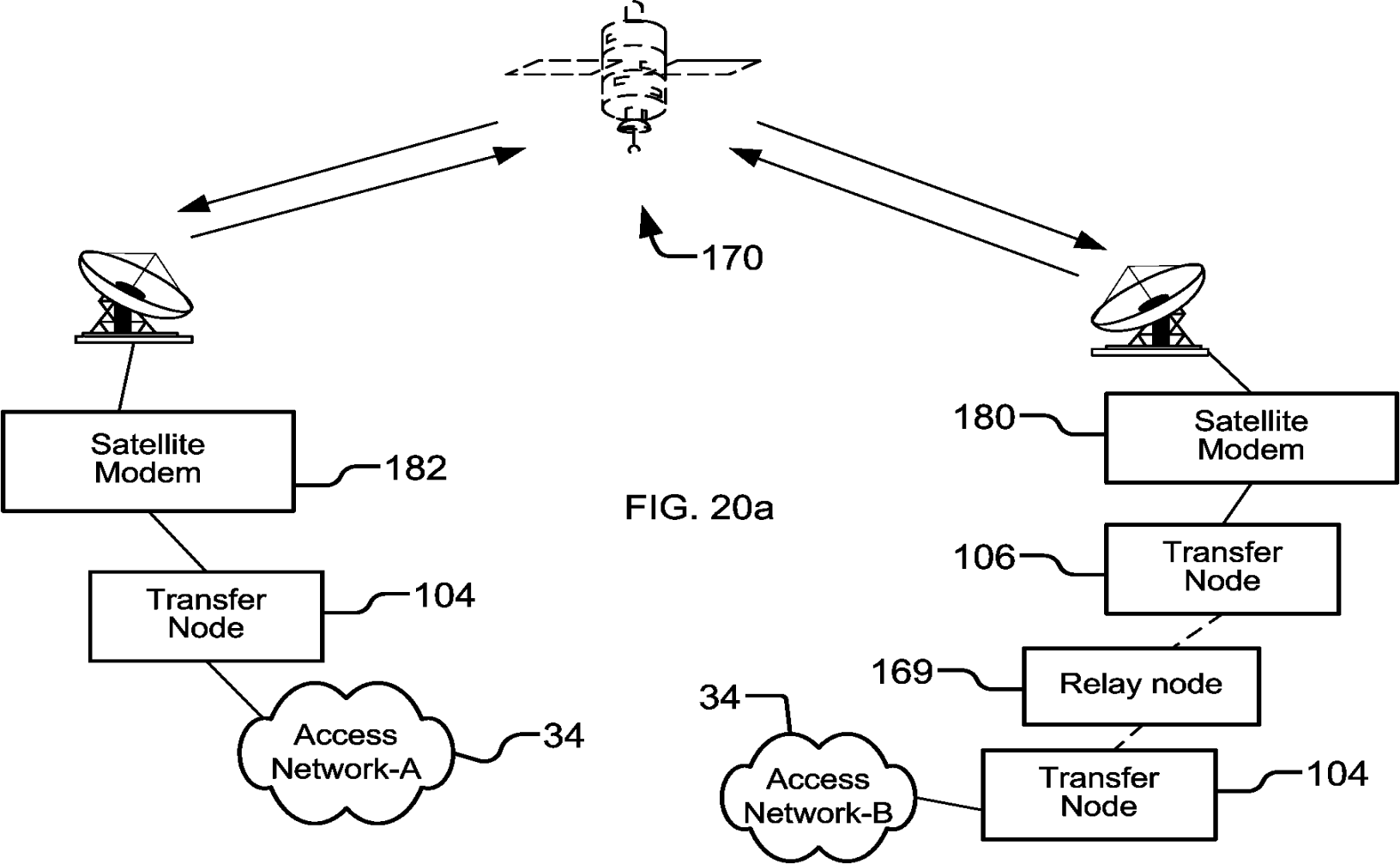
FIG. 21c

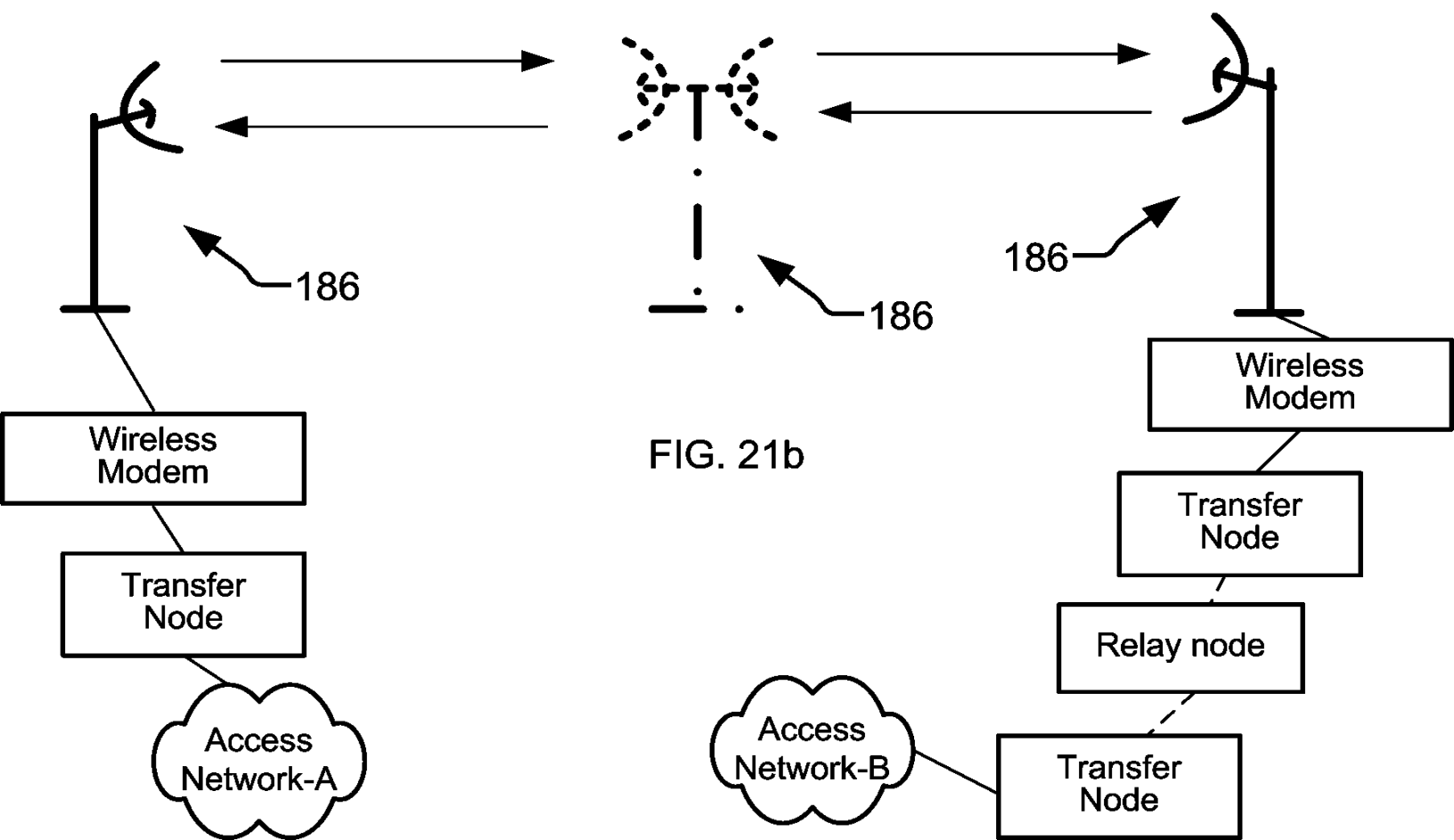
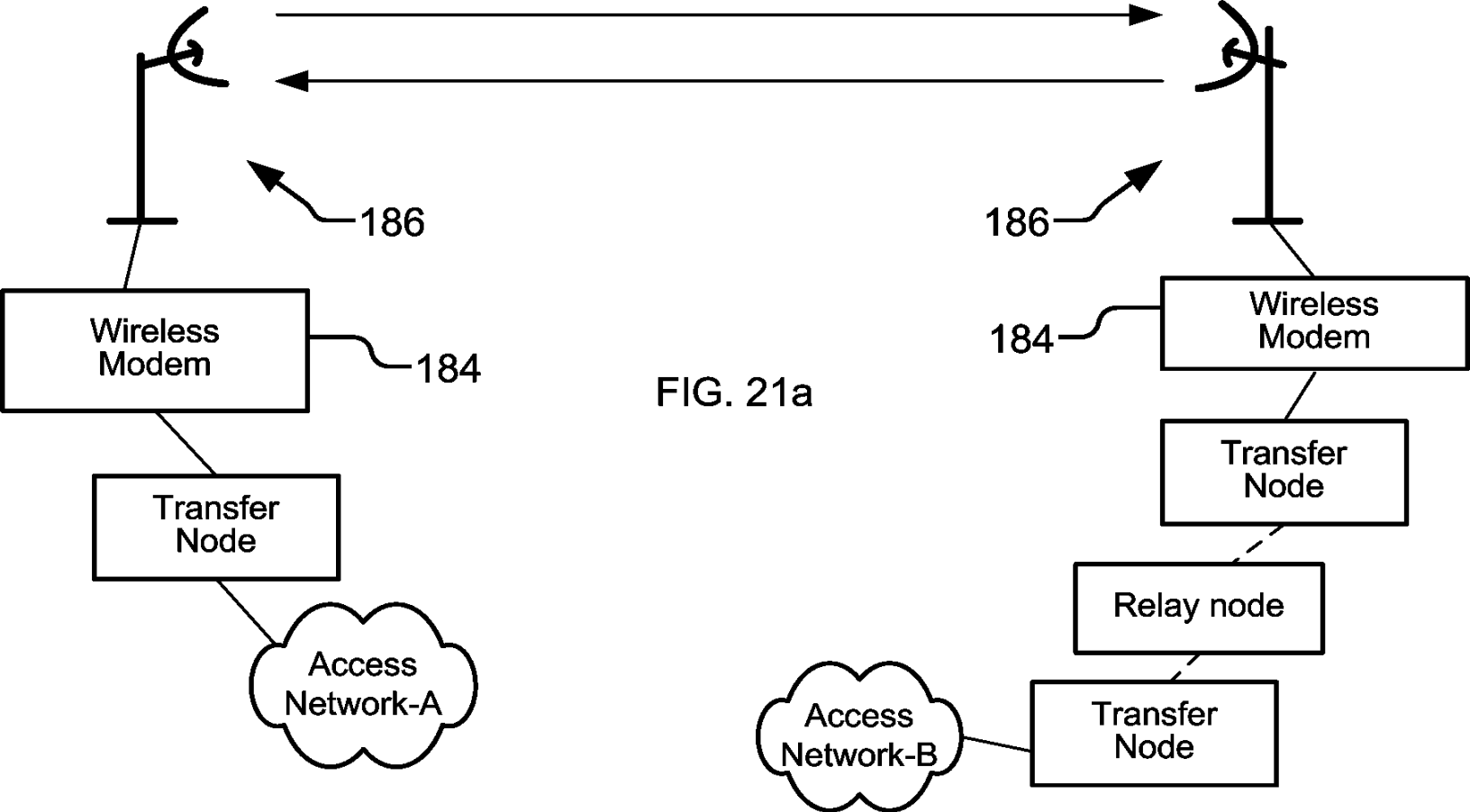


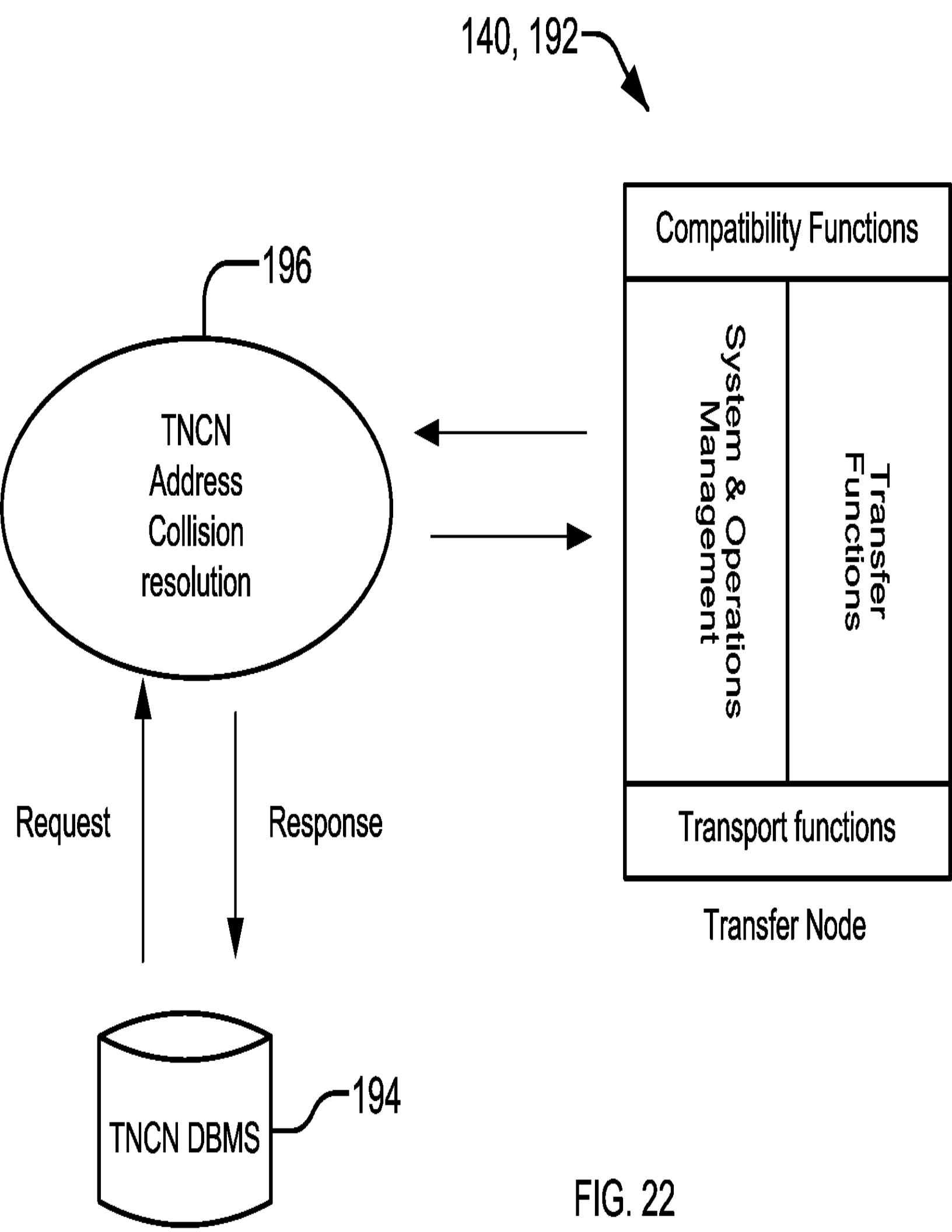


Note: Nx - Network x

FIG. 19







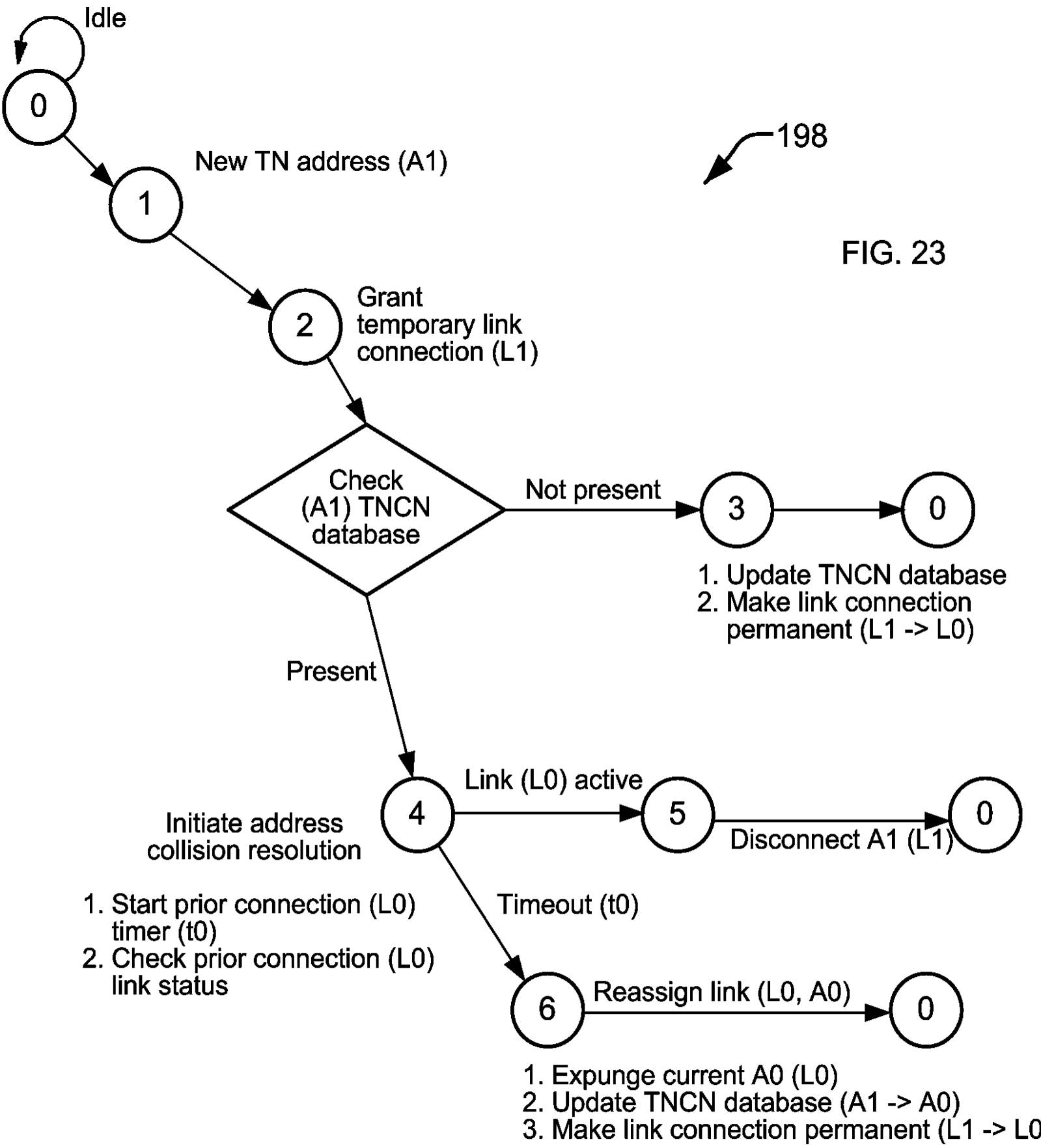


FIG. 23

Notes:
L0 -- current link connection for a TN address (A0)
L1 -- temporary connection for new TN address (A1)
A1 -- new TN address
A0 -- current link (L0) TN address